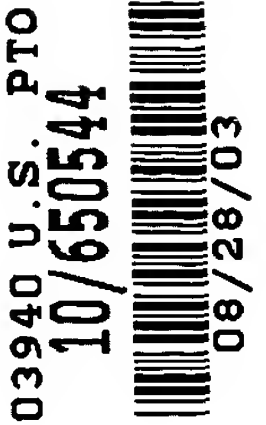


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450



Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Robert R. Roediger, et al.

For: **UNROLLING LOOPS WITH PARTIAL HOT TRACES**

ASSIGNEE NAME: International Business Machines Corporation

ASSIGNEE RESIDENCE: Armonk, New York

Enclosed are:

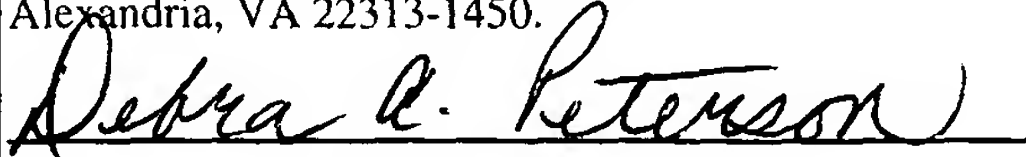
- ☒ 16 Pages of Specification and 1 Abstract
- ☒ 9 Sheets of Drawings
- ☒ A Declaration and Power of Attorney
- ☐ An Information Disclosure Statement and form PTO-1449
- ☐ A certified copy of
- ☒ An Assignment of the invention to International Business Machines Corporation, Armonk, New York 10504 and Recordation form PTO-1595

The filing fee has been calculated as follows:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	<u>22</u> -20 =	22
Indep. Claims	<u>2</u> -3 =	0
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity

Rate	Fee
	\$ 750.00
x \$18.00=	36.00
x \$84.00=	0.00
\$280.00	\$ 0.00
TOTAL	\$ 786.00

EXPRESS MAIL CERTIFICATE	
Express Mail Label No.:	<u>ET747048654US</u>
Date:	<u>August 28, 2003</u>
I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
	
Debra A. Peterson	

Patent Application Transmittal
Attorney Docket No.: ROC920030011US1

Deposit Account Authorization:

- ☒ Please charge Deposit Account No. 09-0465 in the amount of \$ 786.00. A duplicate copy of this sheet is enclosed.
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- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

ROBERT RALPH ROEDIGER, ET AL.

Date: August 28, 2003

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